

Bay streets.—R. Buscombe has taken out a permit for a brick factory on Jackson street, for R. Raw & Co., to cost \$1,200.

COLLINGWOOD, ONT.—The managers of the Great Northern Transit line of steamers are completing arrangements for the building of another palace steamer. Messrs. Logan & Rankin, of Cleveland, Ohio, are preparing the drawings. The steamer will be 220 feet long, with 35 feet beam.

FREDERICTON, N. B.—A new red brick building, with stone trimmings, is to be erected here this fall for the Salvation Army to replace the one recently destroyed by fire. Herbert Paull, architect, Toronto, has the work in charge. The main auditorium room is to be 75 x 40 ft. Week night waiting room and room for banquets, in basement, officers' quarters, to be over main auditorium.

CHATHAM, ONT.—At the last meeting of the City Council a report on the water-works situation was submitted and adopted. It recommended that the lake be resorted to for the future supply. The cost to the company for a lake service is estimated at less than \$100,000, and for a filter service at \$53,000. The company have been given until October 1st to decide what they will do in the matter.

TORONTO, ONT.—Jas. McDougall, York County Engineer, is receiving tenders until noon to-day, (Thursday) for the construction of piling at York Mills.—A deputation of Rosedale residents have requested the School Board to provide additional school accommodation in that vicinity.—Negotiations are said to be in progress between the Manager of the Molson's Bank and Mr. Alexander Manning which may result in the erection by the latter party of a large building on the lot immediately east of the Canada Life Building, the ground floor of which would be occupied by the Molson's Bank.—The property owners in the northern section of Yonge street and on Queen st. east, who were requested to notify the City Engineer as to the kind of material they desired for new sidewalks on these streets, have declared in favor of concrete, and the work will be proceeded with at an early date.—At a recent meeting of the Astronomical and Physical Society, the question of erecting an astronomical observatory for Toronto was discussed, and it was decided to again consider the question at a meeting to be held on the 18th inst.—Building permits have been granted as follows: Ambrose Kent, two det. 2 story and attic bk. dwellings, E side Walmer Rd., cost \$16,000; W. J. Stibbs, 3 story bk. warehouse, 30 Adelaide St. W., and additions rear of 26 and 28 Adelaide St. W., cost \$4,000; Gordon & Sampson, 2 story bk. add. and alterations to dwellings, N. E. cor. Dovercourt Rd. and Shannon St., cost \$6,000; A. T. Wallis, 2 story bk. add. and alterations to dwelling 279 Simcoe St., cost \$2,000.

MONTREAL, QUE.—Mr. J. C. Hatchison has submitted to the Town Council of Cote St. Antoine an estimate for a proposed new fire station. The cost for a one-story brick building, 64 x 31 feet, with stone foundation is placed at \$3,000. The matter will be considered at the next Council meeting.—At a meeting of the Finance Committee of the City Council held last week, the following appropriations were granted: \$10,000 to pave St. James street, from the G. T. R. depot to Mountain street; \$15,000 for repairs to Delorimier avenue; \$53,219 for pipe laying; \$12,000 for repairs to bridges, ditches, etc. A report was presented asking for a new fire station in the west ward, but the matter was laid over until the next meeting. The Road Committee has been petitioned to construct a drain on Picard Lane, at a cost of \$3,622.—The work of renovating the Interior of St. Patrick's church is being considered by the parish priest, Rev. Father Quinlivan, who has made a special trip to Philadelphia to inspect several new churches of that city, with a view to selecting a style of decoration. The work of renovating will likely be recommended about the end of Sep-

tember.—A summer residence for the Jesuit Fathers is spoken of. Two sites, one at Vaudeuil and the other at St. Placide, are regarded as suitable.—The question of enlarging the Cote St. Louis Presbyterian church is under consideration.—Building permits have been granted as follows: Masonic Temple Co., four story brick and stone building on Dorchester st., cost \$60,000; D. Vallieres, brick tenement building, two stories, Nelada st., cost \$1,400; two storey brick tenement building, St. James street, cost \$1,500; Louis Cousineau, two story brick tenement building on St. Rose st., cost \$1,500; Jas. McCrory, five tenement brick buildings, three stories, cor. Ottawa and Nazareth streets, cost \$7,500; Mary Cooper, two stores and brick tenement buildings, three stories, St. Catherine street, cost \$6,000; Misses Major, four story stone front residence, Guy st., cost \$8,000.—Messrs. Perrault & Lesage, architects, are calling for tenders for a three story brick building to be used as a bakery by the Boulangerie Nationale. Same architects are also calling for tenders for three three story stores and dwellings on Notre Dame street for G. Constantineau.—Messrs. Perrault, Messard & Venné, architects, will shortly call for tenders for a convent at Mount Vincent, Halifax, N. S.—Tenders for the supply of timber, lumber, cast and wrought iron and hardware required by different canals throughout the Dominion will be received by E. Marceau, acting-superintending engineer, 1709 Notre Dame street, until Saturday the 15th inst.

FIRES.

Two houses at Outremont, Que., owned by Messrs. Poirier and Lapointe, were destroyed by fire recently. Loss \$7,000.—Partlo's flour and grist mill at Dorchester, Ont., was burned to the ground on the 8th inst. Loss heavy, partly covered by insurance.—The planing mill of Robert Patterson at Hensall, Ont., was destroyed by fire last week. Loss, \$7,000; no insurance.—The residence of Doctor Lafleur, at Levis, Que., was destroyed by fire a few days ago. Loss, \$5,000.—St. Andrew's church at Belleville, Ont., was burned on the morning of the 9th inst. Loss \$55,000, insurance on building, \$15,000.—The skating rink at Bradford, Ont., has been destroyed by fire. Loss, \$1,500.—The residence of Richard Thompson, St. John, N. B., was consumed by fire last week. Loss, \$10,000; insurance \$5,000.—The residence of Hon. Robert Read, at Sydney, Ont., has been destroyed by fire. Loss, \$7,000; insurance, \$4,400.—The dwellings of David St. Pierre, Dame Veuve, Thadee Paradis and Abraham Lapointe at Kamouraska, Que., were burned last week. No insurance.—The woollen mill of McKay & Brine, at Antigonish, N. S., has been burned. Loss, \$2,800. Fire at the premises of the Toronto Coffee and Spice Milling Co., Esplanade street, Toronto, on Tuesday last, damaged the building to the extent of \$1,500.

CONTRACTS AWARDED.

RENFREW, ONT.—The contract for erecting a large creamery building has been let to Mr. Ryan, of Smiths Falls.

GEORGETOWN, ONT.—The contract for the iron work of the county bridge at the paper mill has been awarded to the Dominion Bridge Co., Montreal, at \$897.

HARROW, N. S.—The contract for the erection of John Drummond's two story brick building on Main street has been let to John Wortley, of Essex, at the price of \$1,750.

WINDSOR, ONT.—The Building Committee of the Board of Education have awarded the contract for the building of the Cameron avenue school to Henry D'Ette, at \$12,400.

REGINA, N. W. T.—The contract for the erection of a stone parsonage for the Episcopal church at Qu'Appelle, has been awarded to McDougall Bros., of this place.—Evans and Symonds are the successful contractors for the new fire hall to be erected here.

TORONTO, ONT.—A sub-committee of the Board of Works awarded contracts as follows at a meeting held on Tuesday: asphalt pavement on Adelaide street, from Yonge to Church streets, Warren Scharffe Co., \$12,377.55; sewer on Preston avenue, Clark & Connolly, \$4,138.

ST. JOHN, N. B.—The contract for cars and electrical equipment for the St. John railway has been given Ahearn & Soper, of Ottawa. Twelve vestibuled cars with an outfit of two 30 h. p. motors each will be required. The station will be equipped with two 250 h. p. generators.—The St. John Gas Light Co. has also placed an order with Ahearn & Soper for a 2500 light alternating incandescent plant.

WINNIPEG, MAN.—Contracts have been let by S. Frank Peters, architect, for improvements to the Donaldson block, corner Postage avenue and Main street, to cost \$12,000. C. W. Sharpe & Co. secured the greater portion of the work.—The Committee on Works has accepted the following tenders for work in connection with Maryland street bridge: Dodge & Co., fender and approaches, \$3,723; Gunn & Co., masonry, \$1,360.

KINGSTON, ONT.—The governors of the School of Mining have awarded the contract for the laboratory machinery to the Starr Manufacturing Co., of Halifax, at the price of \$2,185. The Robb Engineering Co., of Amherst, will supply the engine and boiler.—The following are the tenders accepted by Arthur Ellis, architect, for a residence on Union street for E. Crumley: masonry, Wm. McCartney, jr.; carpentry, Sidney Chapman; plumbing, Jos. Jamieson; heating, C. D. Chown; tinsmith, Nugent & Taylor; painting, etc., Savage Bros.

MONTREAL, QUE.—Messrs. P. Lortie & Son, architects, have awarded contracts as follows for a three story building for Sideon Constantineau: masonry, A. & G. Gibbeault, \$3,150; brickwork, A. Leger, \$1,850; plastering, St. Denis & Dube, \$625; ironwork, Dominior Bridge Co., \$700.—Mr. W. E. Doran, architect, has awarded the contract for putting up a three story tenement and store building on St. Catharine street for Mary Cooper to W. H. Kerfut. Also for five three story tenement houses on Ottawa st. for Jas. McCrory as follows: masonry, J. B. Delorimier; carpenter and joiners' work, M. Lavoie; brickwork, J. B. Delorimier.—Mr. Jos. Mercier, architect, has awarded contracts for a two story tenement building on St. Rose street for L. Cousineau as follows: masonry, Z. Dansereau; carpenter and joiners' work, A. Charbonneau. Also for a two storey tenement building on Montana street for A. Desroches as follows: masonry, O. Collette; carpenter and joiners' work, A. Fournier.

BUSINESS NOTES.

The business of the Toronto Lumber and Manufacturing Company, Toronto, is to be wound up by the assignee.

A. & O. Desjardins, plumbers, Montreal, have dissolved partnership.

A new firm of builders in Montreal is Gressidder & Wood.

Eli Beam, contractor, Victoria, B. C., has assigned.

Oliver Bros., painters, Petrolea, Ont., have assigned to Oliver Simmons.

A demand of assignment has been made upon N. H. Thibault & Co., lumber, Montreal.

The Hamilton Stone Co., Hamilton, Ont., composed of George Morris, James Patton and John Price, has been dissolved. A new company will be formed by the two last named persons.

Messrs. Stevens & Burns, iron and brass founders, of London, have been unable to make a satisfactory offer to their creditors, and the plant is being offered for sale.

Send for a copy of the second edition of the CANADIAN CONTRACTOR'S HANDBOOK. Price, \$1.50; to subscribers, \$1.

STONE CARVING IN PARIS.

THE London carver of stone rarely works from a model, more often from a sketch, and not infrequently without either; the Parisian always has a model. The Londoner, with his plumb-bob, rule and compasses, generally makes an approximate copy of his model when he has one; the Parisian, by means of a mechanical contrivance called a pointing machine, makes an exact copy. The Parisian system no doubt has its advantages; but from the English workmen's, and from an artistic point of view, the Londoner's method is far the best, throwing the workman on his own resources, and developing whatever individuality and artistic feeling he may possess. It has also the not unimportant merit of being the quicker method. The material used in Paris is a cream-coloured soft stone, somewhat resembling Bath stone, but apparently freer in working. In London, as is well known, every variety of stone is used, from the soft Corsham to the hardest of Portland among limestones, and from the softest of red grits to the hard yellow gritstones of the north of England. This has developed a more useful pattern of tools than those in use in Paris. The hard stone and marble tools are similar in both countries, but the French soft stone tools would be thought useless in England. The block of stone is chopped with axes as near to the size required as can be safely done, and the carving is produced with wooden-handled tools and iron hammers, the English pattern of wooden mallet and mallet-headed tools being unknown. It is then scraped over with tools known in England as scrapers, and finally finished with a variety of rasps called "rifflers," or "riffleur rapes." These rifflers are, though seldom required, unobtainable in England of native make, comparable with the French, being generally so badly shaped as to be almost useless, and this applies not only to the riffler rasps as made for soft stone, but to the riffler files as made for marble, a foreign variety known as Roman rasps being far superior.

MUNICIPAL DEPARTMENT.

The over-registry of water meters was the subject of a paper read before the recent Karlsruhe meeting of the German Society of Gas and Water engineers, by Frederick Lux, of Ludwigshafen-on-Rhine, the manufacturer of the Schinzel water meter. Mr. Lux stated that investigations carried out by the Mannheim Water-Works showed that the presence of an air sack of about 75 cubic inches only in the house pipes would be sufficient to cause an apparent consumption of about 250 gallons a day, as measured by a 0.6-inch meter. The water entering the house would actuate the meter normally, while the pulsations back and forth due to the cushion of air would cause the over-registry. Various remedies were tried by the officers of the water-works, who are stated to have secured the best results by an application of the homeopathic theorem, "similia similibus." They have devised an apparatus consisting of an air chamber and a check valve, which is placed in front of the meter, so that the water entering the house passes through the meter first and then the check valve. Whatever pulsations of water are caused by air cushions in any part of the plumbing are checked by the air in the air chamber, and the check valve prevents them from having any influence on the meter.

Oxide of iron paint, mixed with boiled linseed oil, is a suitable paint for water tanks, wood or iron. For iron tanks use two coats. Use no turpentine. For wooden tanks a coat of boiled oil should be applied and well dried before painting. Water standing in galvanized iron tanks becomes impregnated with the taste of the zinc and is poisonous. Such tanks should be painted with the oxide of iron paint.